

# ULTRASONIC IMAGE PROCESSING DEVICE

Patent number: JP2000300555

Publication date: 2000-10-31

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Classification:

- International: A61B8/00; G01S15/89; G06T1/00; H04N7/18;  
A61B8/00; G01S15/00; G06T1/00; H04N7/18; (IPC1-7):  
A61B8/00; G01S15/89; G06T1/00; H04N7/18

- european:

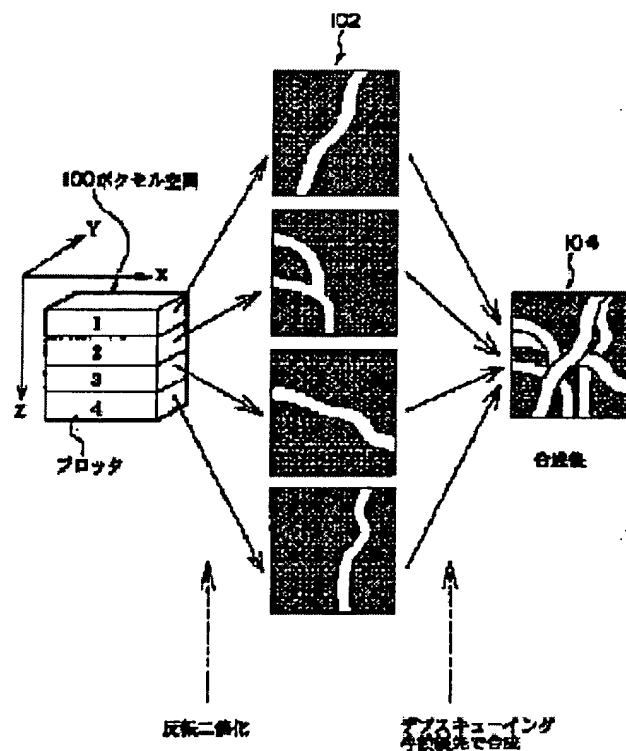
Application number: JP19990109400 19990416

Priority number(s): JP19990109400 19990416

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## Abstract of JP2000300555

**PROBLEM TO BE SOLVED:** To form an ultrasonic image by which a blood running condition in its vessel can be expressed in a three-dimensional manner. **SOLUTION:** A voxel space 100 is sliced into a plurality of blocks to execute a predetermined operation for each block. An intermediate image 102 is generated to show a blood vessel only for each block. The intermediate images 102 are superposed giving priority to the ones closer to a viewpoint side while being weighed by a depth queuing method. By doing this, a superposed image 104 is formed. By matching a vision with the direction of an ultrasonic beam, the processing becomes faster, and in this case, an inversely binarizing or a depth queuing processing can be executed for each unit of vision.



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